

9th Class 2019

Biology	Group-II	Paper-I
Time: 15 Minutes	(Objective Type)	Marks: 12

Note: Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that question with Marker or Pen ink in the answer-book. Cutting or filling two or more circles will result in zero mark in that question.

1-1- Sea star gains its lost arm by:

- (a) Budding
- (b) Mitosis ✓ = 5
- (c) Meiosis
- (d) Fragmentation

2- Transpiration rate does not depend upon:

- (a) Leaf diameter
- (b) Temperature = 9
- (c) Air movement
- (d) CO₂ ✓

3- Scientific name of onion is:

= 3

- (a) Allium cepa ✓
- (b) Asterias rubens
- (c) Zia maiz
- (d) Felis domesticus

4- The whole series of light reaction is called:

- (a) S-scheme
- (b) Z-Scheme ✓ = 7
- (c) L-scheme
- (d) P-scheme

5- The blood group which contains antigen A:

- (a) A ✓
- (b) B
- (c) AB
- (d) O = 9

6- Famous book of Jabir Bin Hayan is:

- (a) Al-Kheil
- (b) Al-Wahoosh = 1
- (c) Al-Nabatat ✓
- (d) Al-Abil

7- In 1831, nucleus was discovered in the cell by:

- (a) Robert Hooke
- (b) Laveran = 4
- (c) Robert Brown ✓
- (d) Louis Pasteur

8- The malaria is spread in sparrows by:

- (a) Anopheles
- (b) Dengue
- (c) Aedes
- (d) Culex ✓ = 2

9. In 1894, Lock and Key Model was proposed by: = 6

- (a) Emil Fischer ✓
- (b) Daniel Koshland
- (c) Winhelm
- (d) Calvin

10. Cell membrane is mainly composed of: = 4

- (a) Protein and lipids ✓
- (b) Cholesterol
- (c) Lignin
- (d) Chitin

11. Five kingdom classification introduced by: = 3

- (a) Margulis and Schwartz
- (b) Torn Efort
- (c) Robert Whittaker ✓
- (d) Ernes Hackel

12. The disease caused by the deficiency of protein is: = 8

- (a) Goitre
- (b) Osteoarthritis
- (c) Marasmus ✓
- (d) Colour blindness